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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/813,824	
	Filing Date	March 31, 2004	
	First Named Inventor	Kelvin P. Self	
	Art Unit	3672	
	Examiner Name	Daniel P. Stephenson	
Total Number of Pages in This Submission	16	Attorney Docket Number	2380-544

ENCLOSURES (Check all that apply)		
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Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	Lawrence F. Grable, Esquire Tomlinson & O'Connell, P.C. 211 North Robinson, Suite 450 Oklahoma City, Oklahoma 73102
Signature	
Date	May 1, 2006

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: <u>May 1, 2006</u> .			
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Signature		Date	May 1, 2006

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☐ DESIGN ☒ UTILITY PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Kelvin P. Self, Floyd R. Gunsaulis, H. Stanley Mullins, Gerald A. Stangl, and David R. Payne	Att'y Dkt. No.:	2380-544
Serial No:	10/813,824	Art Unit:	3672
Filed:	March 31, 2004	Examiner:	Daniel P. Stephenson
For:	DIRECTIONAL REAMING SYSTEM	Customer No.:	28839

**Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

AMENDMENT AND RESPONSE TO OFFICE ACTION
MAILED MARCH 22, 2006

Applicants respectfully requests that the above application be amended as follows:

In the Specification

Please replace paragraph 0117 with the following:

[0117] With continued reference to FIG. 17, the movable pipe positioning arm 508 may be pivotally supported at one end, for example by way of a universal joint 526 (hereafter referred to as a "u-joint") or other variable angularity-allowing devices. Since a u-joint does not limit angular motion to a single plane, two arm positioners 510 supportingly arranged a quarter circle (90°) apart around its axis may be utilized to stabilize and also control the deployment direction of positioning arm 508. (The partially sectional view of FIG. 17 prevents a second positioner being shown.) The point of pivotal support provided by u-joint 526 lies approximately on the central axis of borehole 42, and is preferably axially located within the envelope of surface 502. Furthermore, the point of support is held in fixed axial relationship to borehole enlarging and engaging surface 502 while being rotationally uncoupled from it. This may be